

SEQUENCE LISTING

<110> Yen Choo, et al.
<120> Regulated Gene Expression in Plants
<130> 674538-2001
<160> 21
<170> PatentIn version 3.0
<210> 1
<211> 17
<212> DNA
<213> Artificial Sequence

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<222> (1)..(14)
<223> Plant translational initiation context sequence

<400> 1
aaggagatat aacaatg

17

<210> 2
<211> 10
<212> DNA
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<222> (1)..(7)
<223> plant translational initiation context sequence

<400> 2
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10

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<211> 60
<212> DNA
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<222> (1)..(60)
<223> oligonucleotide

<400> 3
ctcctgcagt tggacctgtg ccatggccgg ctggggccgca tagaatggaa caactaaagc

60

<210> 4
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<212> DNA
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<222> (15)..(17)
<223> translational initiating ATG

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<222> (16)..(416)
<223> Fingers 1 to 4 of TFIIIA

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<222> (308)..(416)
<223> spacer

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<222> (417)..(689)
<223> three fingers of zinc fingers protein Zif268

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<222> (701)..(722)
<223> Nuclear Localization Signal

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<222> (957)..(986)
<223> c-myc tag

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ctttcgccga	ctgcggcgct	gcttataaca	agaactggaa	actgcaggcg	catctgtgca	120
aacacacagg	agagaaaacca	tttccatgta	aggaagaagg	atgtgagaaa	ggctttacct	180
cgcttcatca	cttaaccgc	cactcactca	ctcatactgg	cgagaaaaac	ttcacatgtg	240
actcggatgg	atgtgacttg	agatttacta	caaaggcaaa	catgaagaag	cactttaaca	300
gattccataa	catcaagatc	tgcgcttatg	tgtgccattt	tgagaactgt	ggcaaagcat	360
tcaagaaaaca	caatcaatta	aaggttcatc	agttcagtca	cacacagcag	ctgcccgtatg	420
cttgccttgt	cgagtcctgc	gatgccgct	tttctcgctc	ggatgagctt	acccgcccata	480
tccgcaccca	cacaggccag	aagcccttcc	agtgtcgaat	ctgcacgcgt	aacttcagtc	540
gtagtgacca	ccttaccacc	cacatccgca	cocacacagg	cgagaagcct	tttgcctgtg	600
acatttgtgg	gaggaagttt	gccaggagtg	atgaacgcaa	gaggcatacc	aaaatccatt	660
taagacagaa	ggacgcggcc	gcactcgagc	ggaattccgg	ccccaaaaag	aagagaaaagg	720
tcgcgggggg	gaccgatgtc	agcctggggg	acgagctcca	cttagacggc	gaggacgtgg	780
cgtggcgca	tgccgacgcg	ctagacgatt	tcgatctgga	catgttgggg	gacggggatt	840

sequence listing

ccccggggcc gggatttacc ccccacgact cgcccccta cggcgctctg gatacggccc 900
acttcgagtt tgagcagatg tttaccgatg cccttggaaat tgacgagtaac ggtggggAAC 960
aaaaaacttat ttctgaagaa gatctgtaag gatcc 995

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<222> (723)...(908)
<223> transactivation domain of VP64, other features except c-myc tag (listed below) same as SEQ ID NO:

<220>
<221> misc_feature
<222> (909)...(938)
<223> c-myc tag, other features except transactivation domain VP64 (listed above) same as SEQ ID NO:

<400> 5
tctagagcgc cgccatggga gagaaggcgc tgccgggtgg gtataagcgg tacatctgct 60
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aacacacagg agagaaacca tttccatgta aggaagaagg atgtgagaaa ggotttacct 180
cgcttcatca cttaacccgc cactcactca ctcatactgg cgagaaaaac ttocacatgtg 240
actcggatgg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca 300
gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat 360
tcaagaaaaca caatcaatta aaggttcatc agttcagtca cacacagcag ctgccgtatg 420
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tccgcaccca cacaggccag aagcccttcc agtgtcgaat ctgcacatgcgt aacttcagtc 540
gtagtgacca ctttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgt 600
acattttgtgg gaggaagttt gccaggagtg atgaacgcaa gaggcatacc aaaatccatt 660
taagacagaa ggacgcggcc gcactcgagc ggaattccgg cccaaaaaaag aagagaaaagg 720
tcgaacttca gctgacttcg gatgcattag atgactttga ctttagatatg ctaggatctg 780
acgcgcctaga cgatttcgat ctggacatgt tgggcagcga tgctctagac gatttcgatt 840
tagatatgct tggctcgat gcccggatg acttcgaccc cgacatgctg tcaagtcagc 900
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<210> 6
<211> 14

<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(14)
<223> plant translational initiation context sequence

<400> 6
aaggagat aaca

14

<210> 7
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<221> protein_bind
<222> (1)..(29)
<223> target DNA sequence

<400> 7
tgcgtggcg tgtacctgga tgggagacc

29

<210> 8
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(35)
<223> forward primer

<400> 8
ccacgcgtcc atgggagaga aggcgctgcc ggtgg

35

<210> 9
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(44)
<223> reverse primer

<400> 9
ccactagtcc ttacagatct tcttcagaaa taagtttttg ttcc

44

<210> 10
<211> 148
<212> DNA
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sequence listing

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<222> (1)..(148)
<223> Sense strand primer

<400> 10
cctcttagatc ggtctccat ccaggtacac gcccacgcaa gtcggcttcc catccaggta 60
cacgccccacg caagtccgtc tcccatccag gtacacgccc acgcaagtccg gtctccatc 120
caggtacacg cccacgcaag aagcttcc 148

<210> 11
<211> 148
<212> DNA
<213> Artificial Sequence

<220>
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<222> (1)..(148)
<223> antisense strand primer

<400> 11
ggaagcttct tgcgtggcg tgtacctgga tgggagacccg acttgcggtgg gcgtgtacct 60
ggatggaga ccgacttgcg tgggcgtgtt cctggatggg agaccgactt gcgtggcggt 120
gtacactggat gggagacccgaa tctagagg 148

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<211> 45
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<220>
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<222> (1)..(45)
<223> forward primer

<400> 12
ccagatctgg tctccatcc aggtacacgc ccacgcaaga tctcc 45

<210> 13
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(46)
<223> reverse primer

<400> 13
ggagatcttg cgtggcggtg tacctggatg ggagaccaga tctcgg 46

sequence listing

<210> 14
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<212> DNA
<213> Artificial Sequence

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<221> misc_feature
<222> (1)..(34)
<223> forward primer

<400> 14
cccatggtg agcaaggcg aggagctgtt cacc 34

<210> 15
<211> 35
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ccgaattctt acttgtacag ctctgtccatg ccgag 35

<210> 16
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<220>
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<222> (1)..(28)
<223> forward primer

<400> 16
ccctcgagcg gggtaaccgcg ggccccggg 28

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<222> (1)..(30)
<223> reverse primer

<400> 17
cagttggaat tcttagagtcg cggccgctac 30

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<212> DNA

sequence listing

<213> Artificial Sequence

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<221> misc_feature
<222> (1)..(38)
<223> forward primer

<400> 18
ccgctcgagg cccccccgac cgatgtcagc ctggggga 38

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<212> DNA
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<221> misc_feature
<222> (1)..(38)
<223> reverse primer

<400> 19
ccgctcgagt attaatttga gaatgaacaa aaaggacc 38

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<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(38)
<223> forward primer

<400> 20
gccattaatc ggaatggag agaaggcgct gccgggtgg 38

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<211> 32
<212> DNA
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<221> misc_feature
<222> (1)..(32)
<223> reverse primer

<400> 21
gcctattaat ttgagaatga acaaaaagga cc 32